

## ABSTRACT

### NEW CHEMOKINES EXPRESSED IN PANCREAS

The present invention provides nucleotide and amino acid sequences that identify and encode novel expressed chemokines (PANEK-1 and PANEK-2) from human pancreas cells. The present invention also provides for antisense molecules to the nucleotide sequences which encode PANEK-1 and PANEK-2, expression vectors for the production of purified PANEK-1 and PANEK-2, antibodies capable of binding specifically to PANEK-1 and PANEK-2, hybridization probes or oligonucleotides for the detection of PANEK-1- or PANEK-2- encoding nucleotide sequences, genetically engineered host cells for the expression of PANEK-1 and PANEK-2, diagnostic tests for chemokine activation based on PANEK-1- and PANEK-2 -encoding nucleic acid molecules and antibodies capable of binding specifically to the protein.